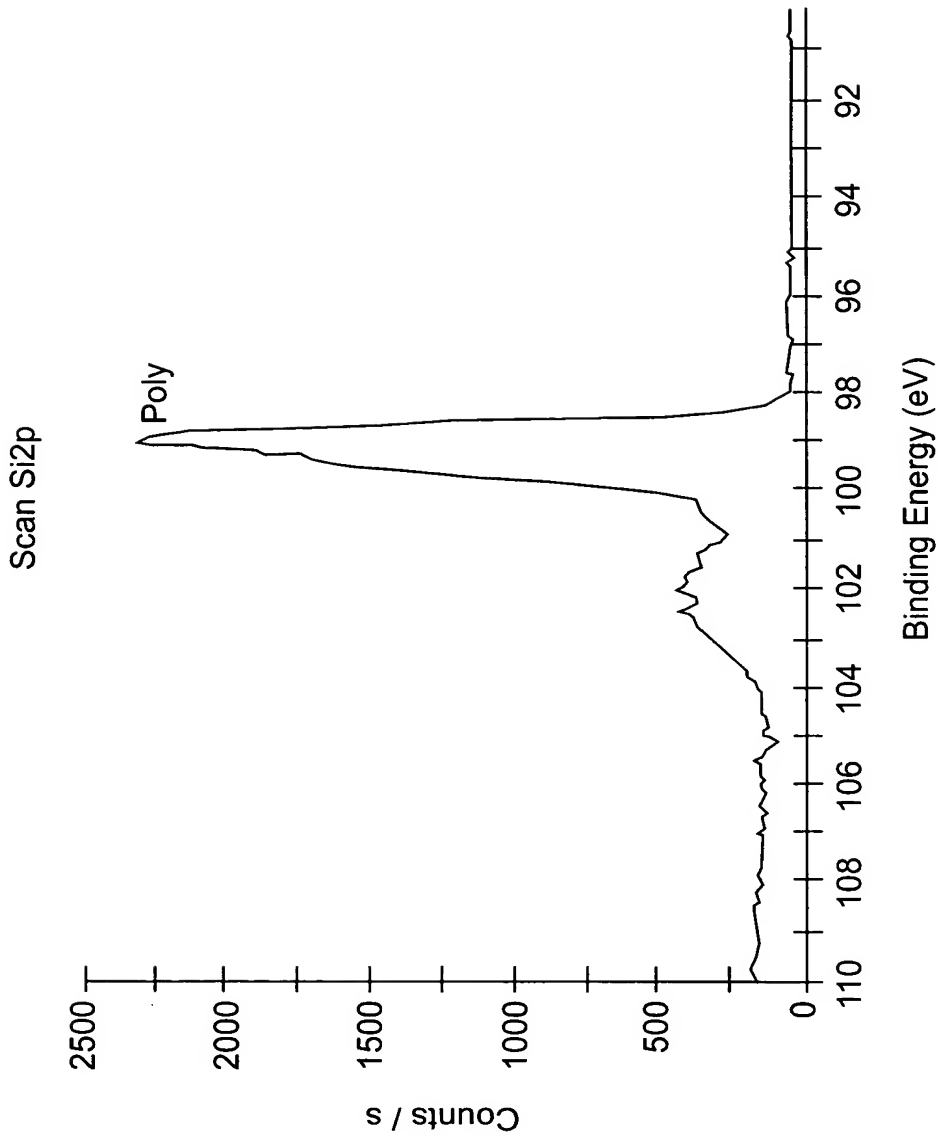
Scan Si2p
Poly
Counts / s
2500
2000
1500
1000
500
0
110
108
106
104
102
100
98
96
94
92
Binding Energy (eV)

Figure 1A

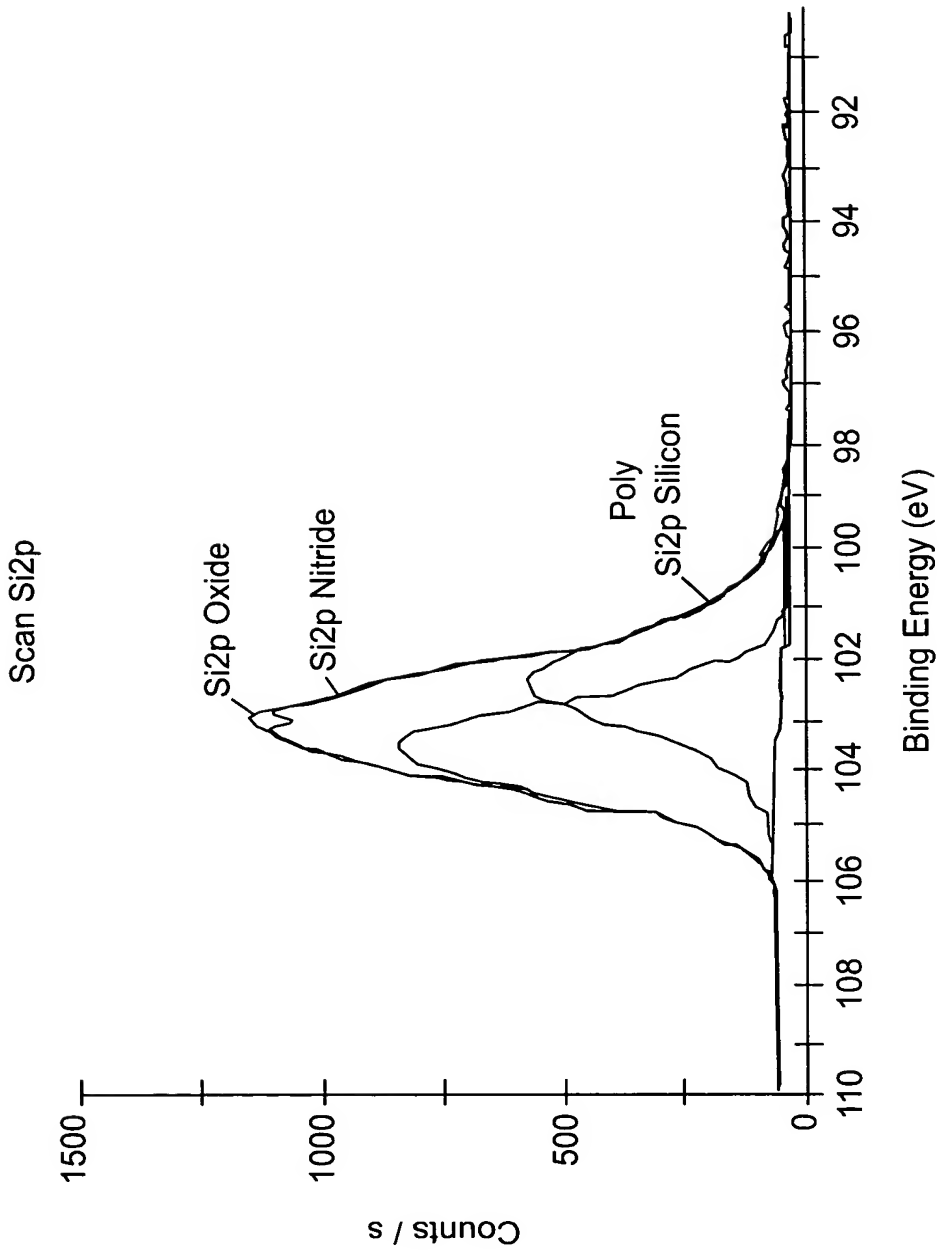
Scan Si2p
Si2p Oxide
Si2p Nitride
Poly
Si2p Silicon
Counts / s
1500
1000
500
0
110
108
106
104
102
100
98
96
94
92
Binding Energy (eV)

Figure 1B

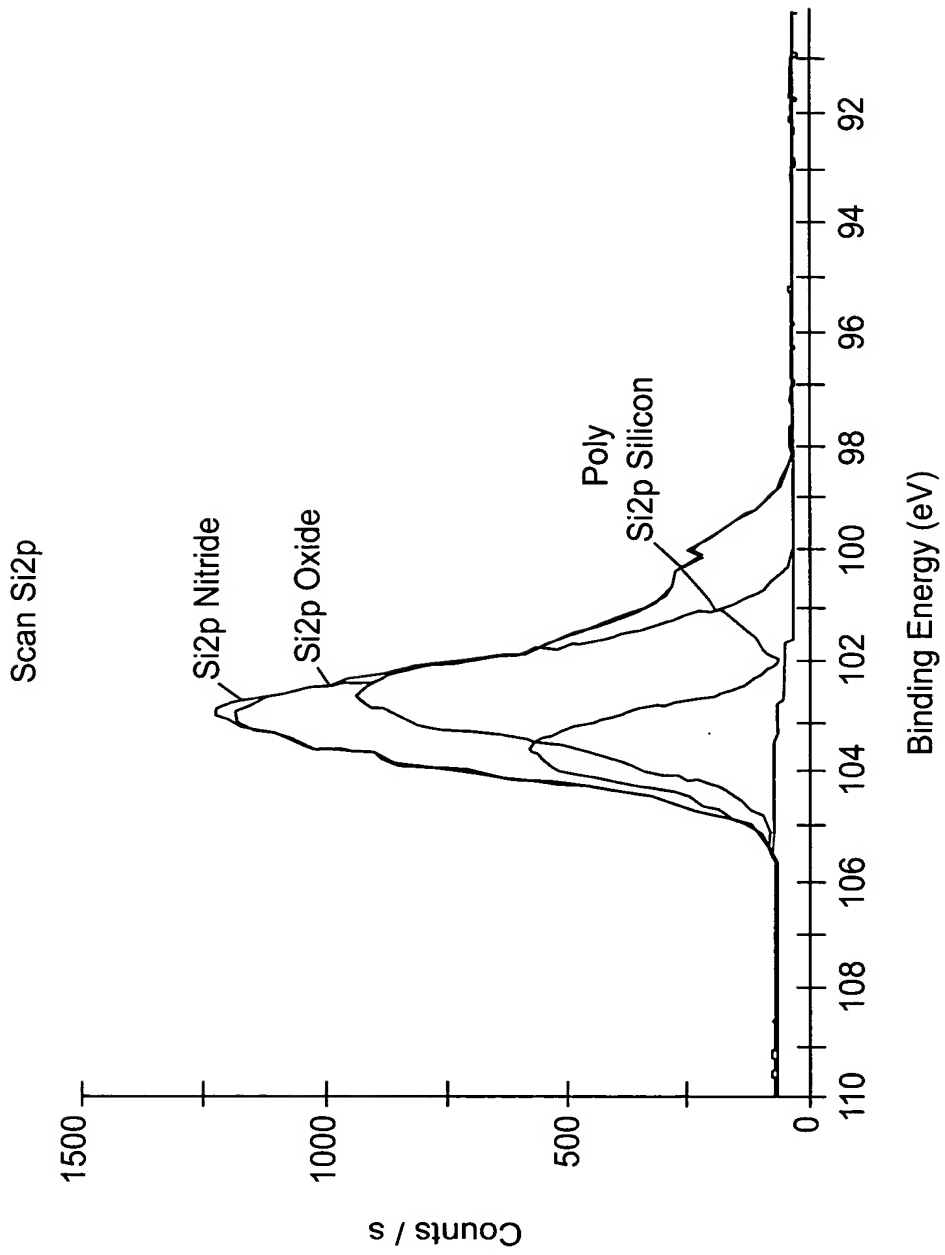
Scan Si2p
Si2p Nitride
Si2p Oxide
Poly
Si2p Silicon
Counts / s
1500
1000
500
0
110
108
106
104
102
100
98
96
94
92
Binding Energy (eV)

Figure 1C

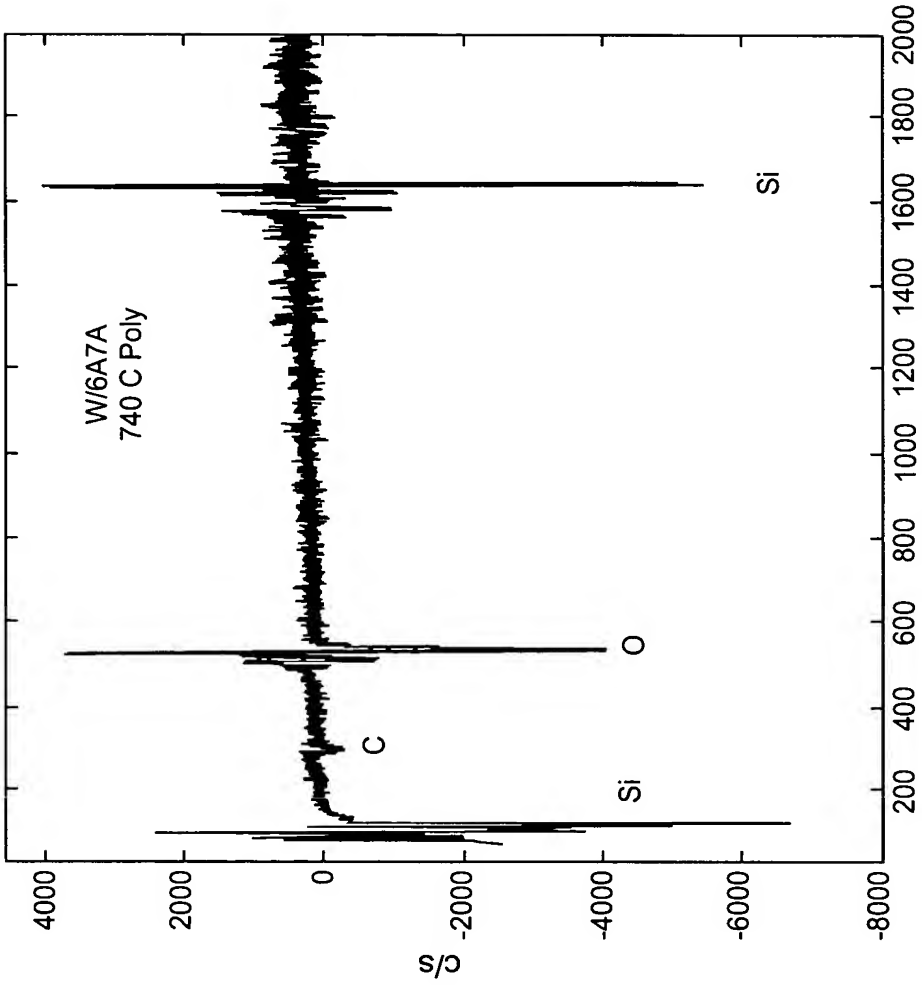
W/6A7A
740 C Poly
C
O
Si
Si
c/s
4000
2000
0
-2000
-4000
-6000
-8000
200
400
600
800
1000
1200
1400
1600
1800
2000
Kinetic Energy (eV)

Figure 2A

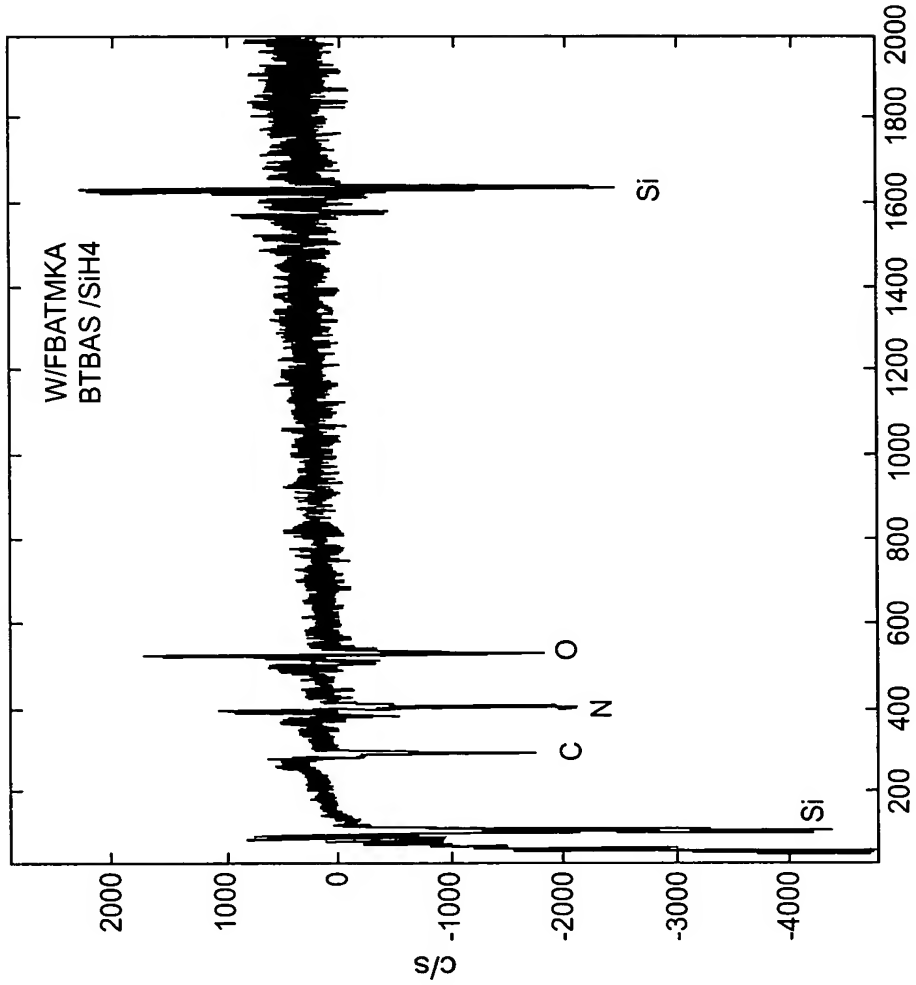
W/FBATMKA
BTBAS /SiH4
Si
O
N
C
Si
c/s
2000
1000
0
-1000
-2000
-3000
-4000
200
400
600
800
1000
1200
1400
1600
1800
2000
Kinetic Energy (eV)

Figure 2B

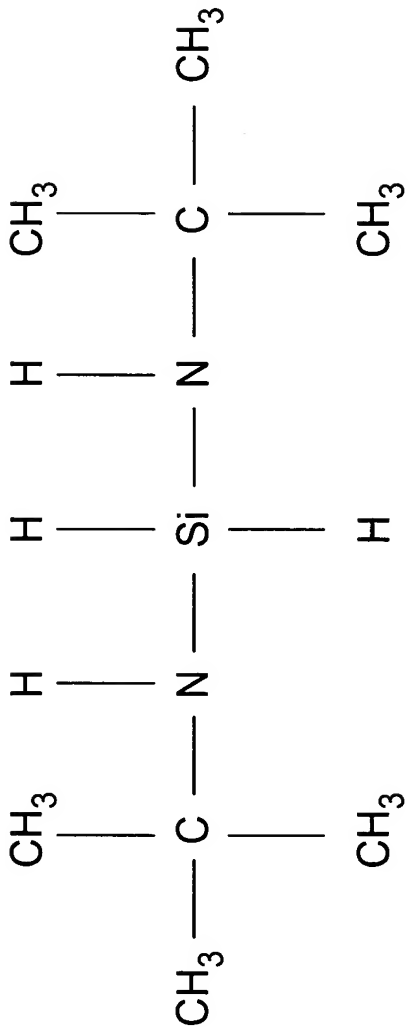

Figure 3